

Composition for Protecting Work Surfaces from Contamination

ABSTRACT

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A protective covering constructed from an electrostatically charged sheet having a top and bottom surface and an absorbent layer. The absorbent layer has top and bottom surfaces, the bottom surface of the absorbent layer being bonded to the top surface of the electrostatically charged sheet. The absorbent layer is divided into a plurality of cells for containing liquid spilled on the absorbent layer. The absorbent layer can be constructed from paper, open cell foam, fibrous mat, or any other absorbent material. In the preferred embodiment of the present invention, the cells are constructed by providing hydrophobic barriers in the absorbent layer. The barriers can be constructed from paraffin, plastic, or any other material that can penetrate the absorbent layer. In one embodiment of the present invention, a hydrophobic layer is bonded to the top surface of the absorbent layer. The hydrophobic layer has a plurality of pores that allow liquid spilled on the hydrophobic layer to penetrate the hydrophobic layer and be absorbed by the absorbent layer.

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